

## REMARKS

Receipt of the office action mailed November 2, 2004 is acknowledged. Claims 1-30 are pending in the application. Claims 1-6, 9-10, 12, 14-17 and 19-30 have been rejected as being anticipated by the Burgard '587 publication. Claim 7 has been rejected as being obvious over the Burgard publication in view of Jones. Claims 8, 11 and 13 have been rejected as being obvious over Burgard in view of Takekoshi. Claim 18 has been rejected as being obvious over the Burgard reference in view of Clauditz. Claim 11 has been objected to. In keeping with the foregoing amendments and the following argument, reconsideration and allowance of the rejected claims is respectfully requested.

Claim 1 has been amended to positively recite, in part, a first pump operatively coupled to a source of the ink to circulate the ink through the fluid circuit, the fluid circuit including a second pump operatively coupled to a source of the cleaning solution to circulate the cleaning solution through the fluid circuit, and one or more valves arranged to switch the fluid circuit between the first operating configuration and the second operating configuration. The supply of the cleaning solution is arranged to supply a selected one of a clean rinse or a used flush through the fluid circuit when the fluid circuit is in the second operating configuration, and a controller is adapted to cause the fluid circuit to switch between the first operating configuration and the second operating configuration, and is further arranged to supply first the used flush and second the clean rinse through the fluid circuit when the fluid circuit is in the second operating configuration.

On the other hand, the Burgard '587 reference teaches directly away from the claimed invention, and therefore no *prima facie* case of obviousness can be established based even in part on the Burgard publication. Specifically, the reference specifically teaches supplying the clean water/recirculation supply to the chamber using the same supply pump 124 used to draw the coating supply 11 to the chamber. By comparison, the system as claimed by claim 1 uses two separate and distinct pumps, one for the solution, and one for the ink supply. There would be no way to modify the reference without completely rebuilding the fluid circuit of the reference using Applicant's own disclosure. Moreover, there would be no way to modify the reference without changing the fundamental principle of operation of the reference. Accordingly, no *prima facie* case of obviousness can be established and therefore claim 1 is in allowable form.

The claims dependent upon claim 1 are also in allowable form.

Claim 15 has been amended to positively recite, in part, an ink supply pump, a flush pump, and the solution including a selected one of a flush or a clean rinse. The controller is arranged to select the desired one of the flush with a clean rinse when in the second operating configuration, and the ink supply pump in the flush pump are double diaphragm pumps power arranged to supply and return substantially the same volume of fluid.

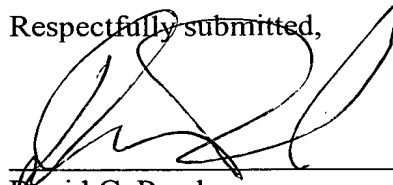
By comparison, it would be difficult to use double diaphragm pumps for the supply pump 124 of the reference, as the presence of the vent 123 would make it impossible to supply and return the same volume of fluid to and from the chamber 24. There would be no way to modify the reference to reach the claimed invention without disregarding the express teachings of the reference regarding the presence of the vent which is critical to the draining operation of the reference. Thus, there can be no suggestion to eliminate the expressly-taught vent of the reference, and therefore no proper *prima facie* case of obviousness can be established. Accordingly, claim 15 is in allowable form.

The claims dependent upon claim 15 are also in allowable form.

Claim 24 has been amended to positively recite, in part, a flush home separate from an ink pump. The once again, by comparison, the cited reference expressly teaches a single supply pump. There would be no way to reconstruct the circuit of the cited reference without using applicant's disclosure as a template. Accordingly, there can be no *prima facie* case of obviousness. Therefore, claim 24 is in allowable form, as are the claims dependent on claim 24.

The examiner is invited to contact the undersigned at the telephone number listed below if there are any questions raised by this paper. Except for the extension fee charged to Deposit Account No. 13-2855 for the accompanying Petition for One Month Extension of Time submitted herewith, no other fee is believed due at this time.

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'D. C. Read', written over a horizontal line.

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